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Dated: May 22, 2007

Signature

Elisabeth Dunkle
(Elisabeth Dunkle)

Docket No.: 58072(47137)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: KARLSSON, M. et al.

Examiner: BEISNER, WILLIAM H..

Application No.: 10/ 645,834

Group Art Unit: 1744

Filed: August 20, 2003

For: SYSTEMS AND METHODS FOR OBTAINING
HIGH-RESISTANCE SEALS IN PATCH CLAMP
RECORDINGS.

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE

Applicants are in receipt of the Office Action dated January 23, 2007 and request reconsideration of the above-identified application in view of the following amendments and remarks. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.